



# U.S. Army Test and Evaluation Command

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## MEDIA ADVISORY

For IMMEDIATE RELEASE

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Army Test and Evaluation Command begins three-year public/private partnership with Constellation

ABERDEEN PROVING GROUND, Md. – The U.S. Army Test and Evaluation Command commander, Maj. Gen. Peter D. Utleý, signed a three-year cooperative research and development agreement with energy supplier, Constellation, signifying a long-term partnership in the pursuit of geo-thermal energy and the exploration of other sustainable and secure energy solutions. Mark Huston, president of Constellation Retail signed on behalf of the company.

The signing ceremony, held August 4 at ATEC's Headquarters, marked the start of the partnership, which comes during a time when the Army is looking at all avenues to save resources as budgets continue to decline.

"We're looking to develop more efficient practices to alleviate our dependence on costly foreign energy sources and achieve cost savings without degradation to the mission," said Utleý. "Our role is constantly changing and energy is essential in all we do."

The Army has made it a priority to reduce energy use on installations across the globe and take a closer look at how to increase the use of renewable energy alternatives.

He went on to explain how technology has changed the way business is conducted, wars fought and how American citizens live their daily lives. "The reality is...it takes energy to enable technology," said Utleý.

The mutually beneficial agreement will explore how best to utilize ATEC's existing power generation test mission with resources to include scientific expertise, people and instrumentation. In the end, the results of the research will be shared between the Army and Constellation. Other Aberdeen Proving Ground tenants will participate in the research in an effort to discover what combination of technology



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is best to produce deployable renewable energy, explained Dr. Melissa Steffen, physical scientist at Aberdeen Test Center.

"We're happy to be part of this unique public/private partnership that will advance the Army's goals for onsite renewable power and for deployable, scalable energy resources to support Soldiers in the field," said Joe Nigro, CEO of Constellation.

As part of the ATC mission, the center conducts testing on a multitude of military technologies, including vehicles, generators, live-fire and direct fire testing to ensure the equipment Soldiers use in the field are safe, suitable and effective, Steffen explained.

"We'd like to develop geo-thermal energy technology to actually create electricity that can be used on the installation and decrease our energy consumption rates to follow the path toward renewable energy and sustainability," Steffen explained. The Army is also looking at ways to leverage and mature deployable energy options to deliver sustainable, light weight and secure power sources for Soldiers in the field.

Agreements like these are one of the ways commands, like ATEC, are thinking outside the box as it aggressively pursues more efficient energy sources and help ignite a culture change of energy conservation in the Army.

"We must find ways to reduce energy consumption and help spark a culture change of discipline to pursuing energy alternatives and developing strategies to increase energy efficiency, energy resiliency, and cost savings," said Utley. "Today marks a pivotal step toward that culture change."

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***The U.S. Army Aberdeen Test Center, a test center under the U.S. Army Test and Evaluation Command, provides test and test support services for authorized customers, within the Department of Defense and outside the DoD, including government and non-government organizations, both foreign and domestic. ATEC plans, conducts, and integrates developmental testing, independent operational testing, independent evaluations, assessments, and experiments to provide essential information to decision makers.***

***Constellation is a leading competitive retail supplier of power, natural gas and energy products and services for homes and businesses across the continental United States. Constellation's family of retail businesses serves more than 100,000 business and public sector customers, including more than two-thirds of the Fortune 100, and nearly 1 million residential customers. Baltimore-based Constellation is a subsidiary of Exelon Corporation (NYSE: EXC), the nation's leading competitive energy provider, with 2013 revenues of approximately \$24.9 billion, and more than 35,000 megawatts of owned capacity comprising one of the nation's cleanest and lowest-cost power generation fleets. Learn more at [www.constellation.com](http://www.constellation.com) or on Twitter at [@ConstellationEG](https://twitter.com/ConstellationEG).***

Captions:

0997.jpg: Maj. Gen. Peter D. Utley, U.S. Army Test and Evaluation Command signs a Cooperative Research and Development Agreement between Constellation and ATEC in an effort to uncover geo-



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thermal and renewable energy options, August 4 at ATEC headquarters at Aberdeen Proving Ground in Maryland. (Photo Credit: Andricka Thomas)

1005.jpg: Senior leaders of the U.S. Army Test and Evaluation Command and Constellation are pictured after a signing ceremony which marks the start of a three-year cooperative research and development agreement, August 4 at ATEC headquarters. Pictured from left to right, Johan Ulloa, director, federal business development, Constellation; Mark P. Huston, president, Constellation Retail; Joe Nigro, CEO, Constellation; Maj. Gen. Peter D. Utley, ATEC commander; John Dukes, executive director, federal and public sector business development, Constellation; Col. Gordon Graham, Aberdeen Test Center commander; Melissa Steffen, ATC scientist and chemist; Pancho Hall, senior vice-president and chief sales officer, Constellation; and John Wallace, ATC technical director. (Photo Credit: Andricka Thomas)

0993: (from left) Mark P. Huston, president, Constellation Retail, signs a cooperative research and development agreement between Constellation and the U.S. Army Test and Evaluation Command. Maj. Gen. Peter D. Utley (on right) also signed the agreement during the signing ceremony, August 4 at Aberdeen Proving Ground, signifying the collaboration between Constellation and ATEC to uncover geo-thermal and renewable energy options. (Photo Credit: Andricka Thomas)